

Title (en)

Anchoring structure and method of anchoring a frescoed plaster layer to a wooden plaster-holding timber frame of a building ceiling

Title (de)

Verankerungsstruktur und Verfahren zum Verankern einer Putzschicht mit Fresken auf einem putztragenden Holzrahmen einer Gebäudedecke

Title (fr)

Structure d'ancrage et procédé pour couche de plâtre à fresque sur ossature bois supportant le plâtre en bois d'un plafond de bâtiment

Publication

EP 2696009 A1 20140212 (EN)

Application

EP 13180003 A 20130809

Priority

IT TV20120161 A 20120810

Abstract (en)

An anchoring structure designed to anchor a plaster layer (300) to a plaster-holding timber frame (200) of a building ceiling (100). The plaster-holding timber frame (200) comprising slots (220) and said plaster layer (300) having an upper surface (300a) facing the plaster-holding timber frame (200) and shaped so as to slip/be inserted in the slots (220) to form anchoring ribs (310). The anchoring structure (1) comprising a plurality of mechanical anchoring members (2), which are firmly connected to the ribs (310) and extend over the plaster-holding timber frame (200) so as to rest on the upper surface (200b) thereof. The mechanical anchoring members (2) comprising anchoring portions designed to be firmly inserted in holes (5) which are made in the ribs (310) or in the plaster layer (300) in/near said fixing points. The anchoring structure (1) further comprises a fixing mixture which is injected in the holes (5) to embed the anchoring portion inside the hole (5) to cause the anchoring portion to be fixed to the plaster layer (300).

IPC 8 full level

E04G 23/02 (2006.01); **E04F 13/02** (2006.01)

CPC (source: EP)

E04F 13/04 (2013.01); **E04G 23/02** (2013.01)

Citation (applicant)

- GB 475347 A 19371117 - JOSEPH LESLIE MUSGRAVE, et al
- US 2007029025 A1 20070208 - BRENNAN RORY E [US], et al

Citation (search report)

- [XD] US 2007029025 A1 20070208 - BRENNAN RORY E [US], et al
- [XA] US 2598984 A 19520603 - ESLICK FREDERICK M
- [A] US 733671 A 19030714 - MURRAY MARTIN [US]

Cited by

EP3269897A1; EP3492672A4; IT201600074430A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2696009 A1 20140212; **EP 2696009 B1 20181003**; IT TV20120161 A1 20140211

DOCDB simple family (application)

EP 13180003 A 20130809; IT TV20120161 A 20120810